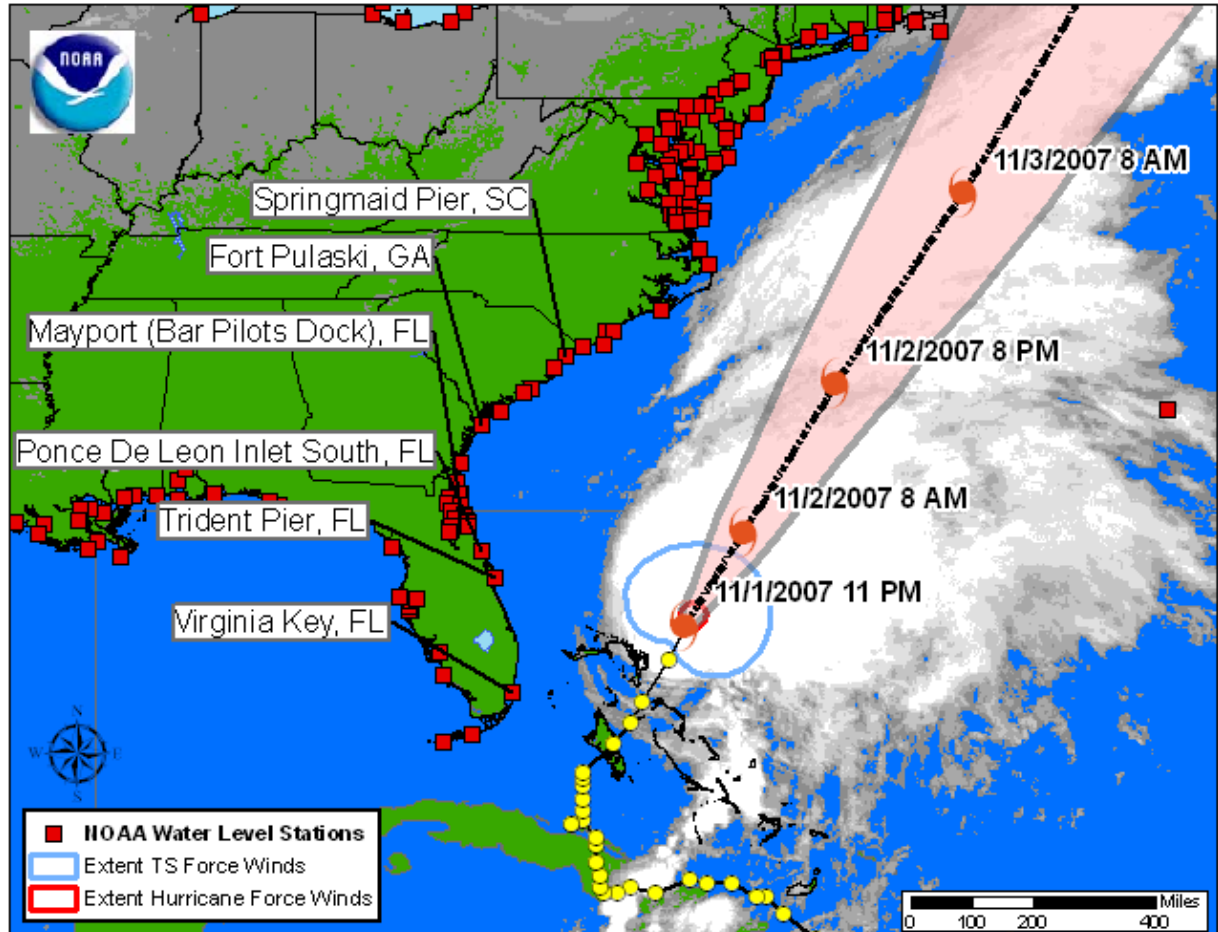




Hurricane NOEL QUICKLOOK
Posted: 00:00 EDT 11/02/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Water levels along the eastern coast of Florida, Georgia and South Carolina are elevated from 0.2 to 2.2 ft above the predicted.

Water level and meteorological plots available below are updated automatically. Water level observations on Mean Lower Low Water as of 11/02/2007 00:00 EDT are:

Virginia Key, FL ~0.98 ft (0.30 m) above predicted. Next High tide Fri 11/02/2007 at 03:36 EDT ~ 2.30 ft (0.70 m).

Trident Pier, FL ~1.38 ft (0.42 m) above predicted. Next High tide Fri 11/02/2007 at 02:21 EDT ~ 3.50 ft (1.07 m).

Ponce De Leon Inlet South, FL ~2.26 ft (0.69 m) above predicted. Next High tide Fri

11/02/2007 at 02:57 EDT ~ 3.00 ft (0.91 m).

Mayport (Bar Pilots Dock), FL ~1.13 ft (0.34 m) above predicted. Next High tide Fri 11/02/2007 at 03:21 EDT ~ 4.70 ft (1.43 m).

Fort Pulaski, GA ~0.60 ft (0.18 m) above predicted. Next High tide Fri 11/02/2007 at 02:47 EDT ~ 6.60 ft (2.01 m).

Springmaid Pier, SC ~0.21 ft (0.06 m) above predicted. Next High tide Fri 11/02/2007 at 02:14 EDT ~ 4.90 ft (1.49 m).

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

...HURRICANE NOEL EXPECTED TO BECOME A LARGE AND POWERFUL EXTRATROPICAL STORM OVER THE OPEN ATLANTIC ON FRIDAY...

AT 11 PM EDT ALL WATCHES AND WARNINGS FOR THE BAHAMAS HAVE BEEN DISCONTINUED.

A GALE WARNING REMAINS IN EFFECT FOR BERMUDA.

AT 1100 PM EDT THE CENTER OF HURRICANE NOEL WAS LOCATED NEAR LATITUDE 27.3 NORTH, LONGITUDE 76.1 WEST OR ABOUT 180 MILES NORTH-NORTHEAST OF NASSAU AND ABOUT 760 MILES WEST-SOUTHWEST OF BERMUDA.

NOEL IS MOVING TOWARD THE NORTH-NORTHEAST NEAR 20 MPH AND THIS MOTION IS EXPECTED TO CONTINUE DURING THE NEXT 24 HOURS. ON THIS TRACK...NOEL WILL CONTINUE TO MOVE AWAY FROM THE BAHAMAS.

MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH WITH HIGHER GUSTS. NOEL IS A CATEGORY ONE HURRICANE. NO SIGNIFICANT CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 24 HOURS BUT NOEL IS EXPECTED TO LOSE TROPICAL CHARACTERISTICS WITHIN THE NEXT 24 HOURS. THEREAFTER, NOEL SHOULD THEN STRENGTHEN AND INCREASE IN SIZE AS AN EXTRATROPICAL CYCLONE. INTERESTS ALONG THE U.S. EAST COAST FROM NORTH CAROLINA NORTHWARD SHOULD CONSULT STATEMENTS ISSUED BY THEIR LOCAL NWS FORECAST OFFICE. INTERESTS ALONG THE CANADIAN MARITIMES SHOULD CONSULT PRODUCTS ISSUED BY THE CANADIAN HURRICANE CENTRE OF ENVIRONMENT CANADA.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 45 MILES MAINLY TO THE NORTH AND EAST OF THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 145 MILES.

ESTIMATED MINIMUM CENTRAL PRESSURE WAS 981 MB.

NOEL IS EXPECTED TO PRODUCE RAINFALL AMOUNTS OF UP TO ONE INCH ACROSS THE OUTER BANKS OF NORTH CAROLINA AND 2 TO 4 INCHES WITH ISOLATED MAXIMUM TOTALS TO 6 INCHES ACROSS EASTERN NEW ENGLAND.

FORECASTER AVILA

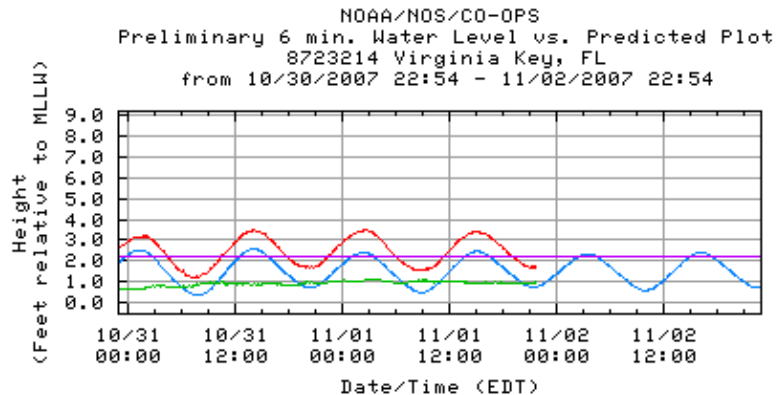
For additional data and more information on the Storm QuickLook product, please visit the Center for Operational Oceanographic Products & Services website.

Water Level Analyst: CM

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Virginia Key - Water Level](#), [Virginia Key - Winds](#), [Virginia Key - Barometric](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Ponce De Leon Inlet South - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#),

Virginia Key, FL - Station Map [Return to List](#)

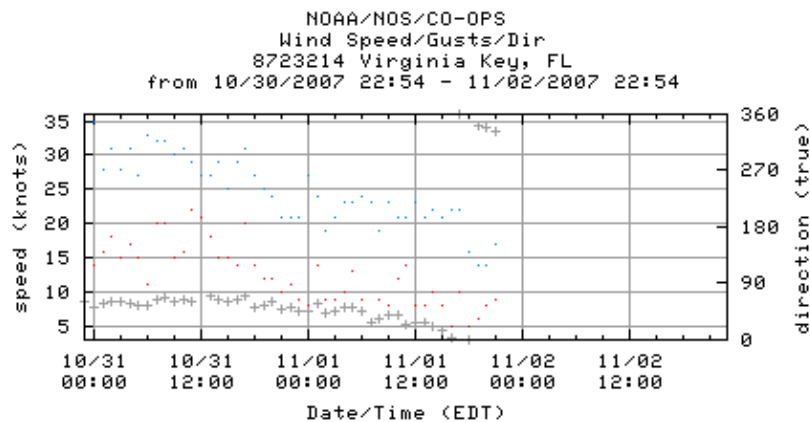


Last Observed Sample: 11/01/2007 21:42 (EDT)

Relative to **MLLW**: **Observed: 1.74 ft. Predicted: 0.76 ft. Residual: 0.98 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

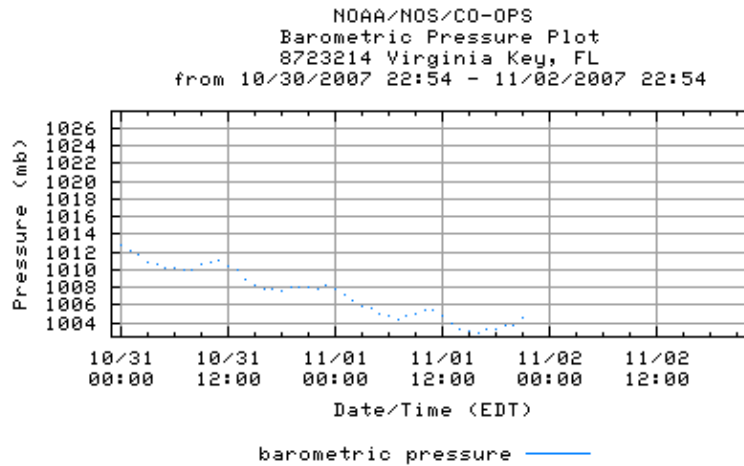
Virginia Key, FL - Station Map [Return to List](#)



Last Observed Sample: 11/01/2007 21:00 (EDT)

Wind Speed: 9 knots Gusts: 17 knots Direction: 332° T

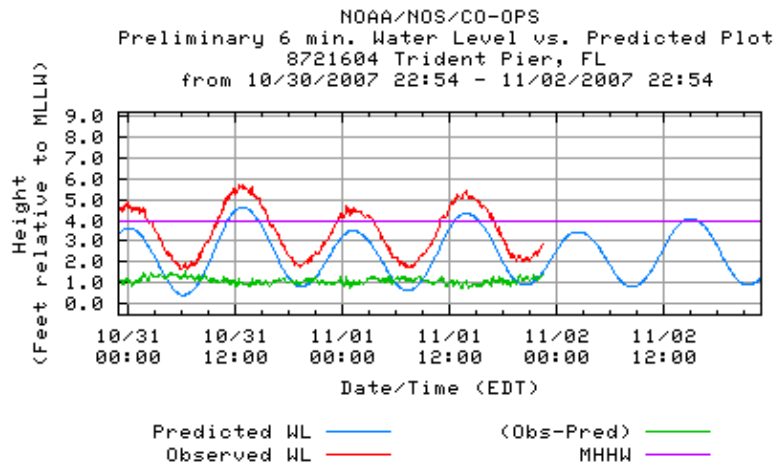
Virginia Key, FL - Station Map [Return to List](#)



Last Observed Sample: 11/01/2007 21:00 (EDT)

Barometric Pressure: 1004.5 mb

Trident Pier, FL - Station Map [Return to List](#)

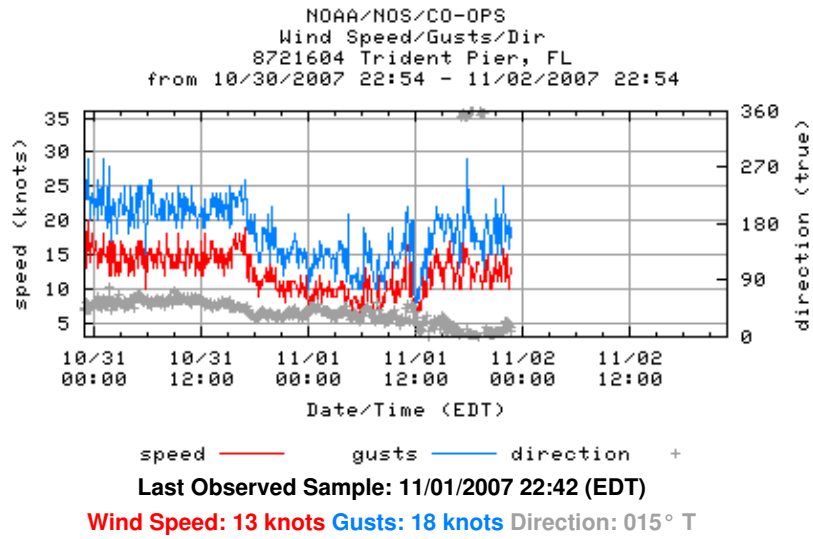


Last Observed Sample: 11/01/2007 22:24 (EDT)

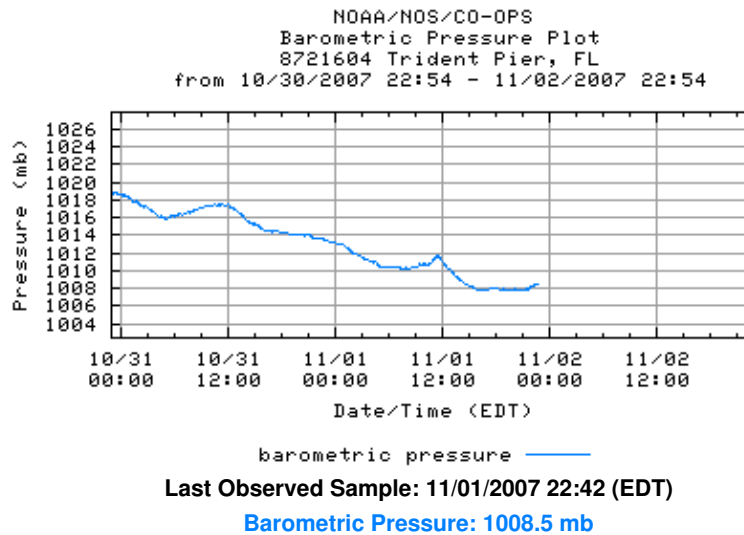
Relative to **MLLW**: **Observed: 2.88 ft. Predicted: 1.50 ft. Residual: 1.38 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

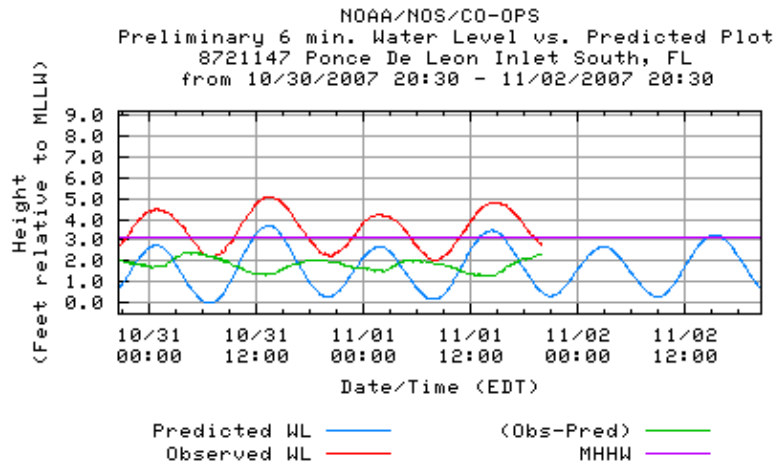
Trident Pier, FL - Station Map [Return to List](#)



Trident Pier, FL - Station Map [Return to List](#)



Ponce De Leon Inlet South, FL - Station Map [Return to List](#)

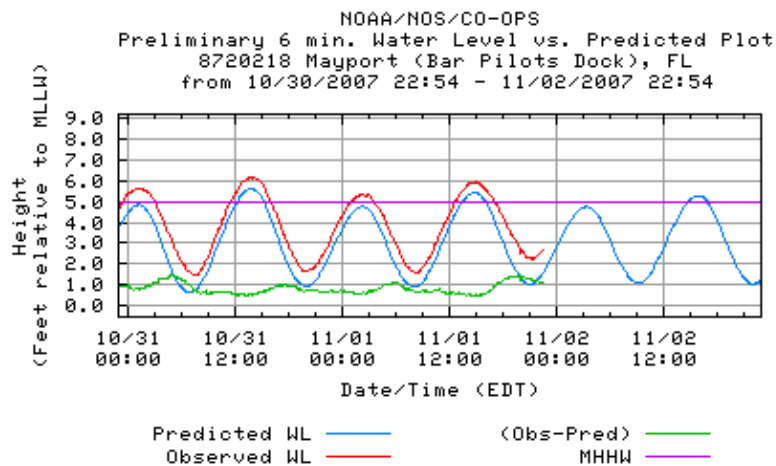


Last Observed Sample: 11/01/2007 19:54 (EDT)

Relative to **MLLW**: **Observed: 2.78 ft. Predicted: 0.52 ft. Residual: 2.26 ft.**

Historical Maximum Water Level: 11/03/1978, 1.67 ft. above **MHHW**

Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)

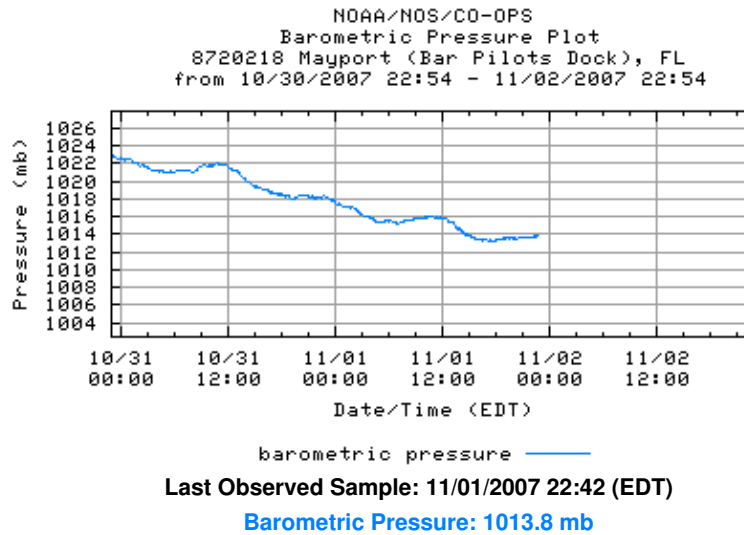


Last Observed Sample: 11/01/2007 22:24 (EDT)

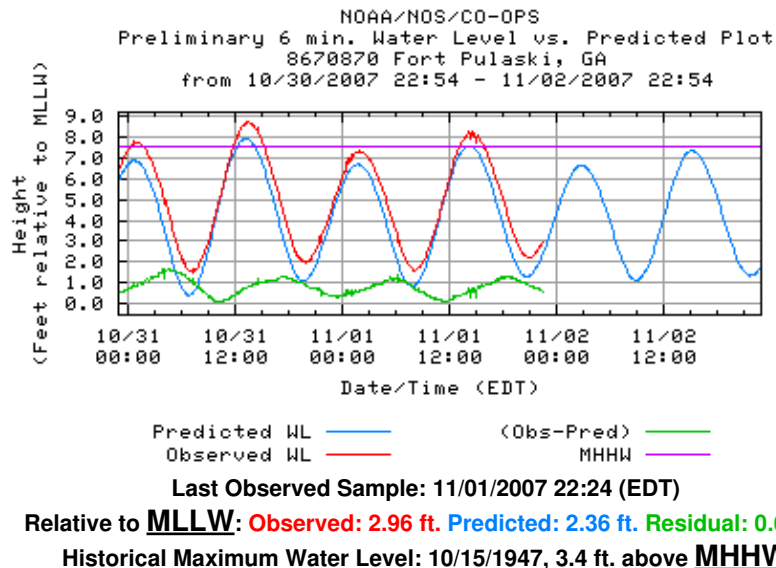
Relative to **MLLW**: **Observed: 2.66 ft. Predicted: 1.53 ft. Residual: 1.13 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

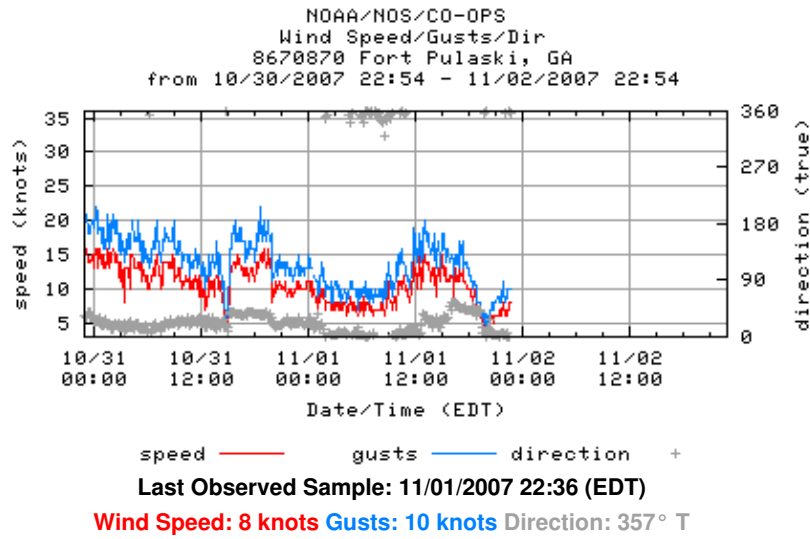
Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)



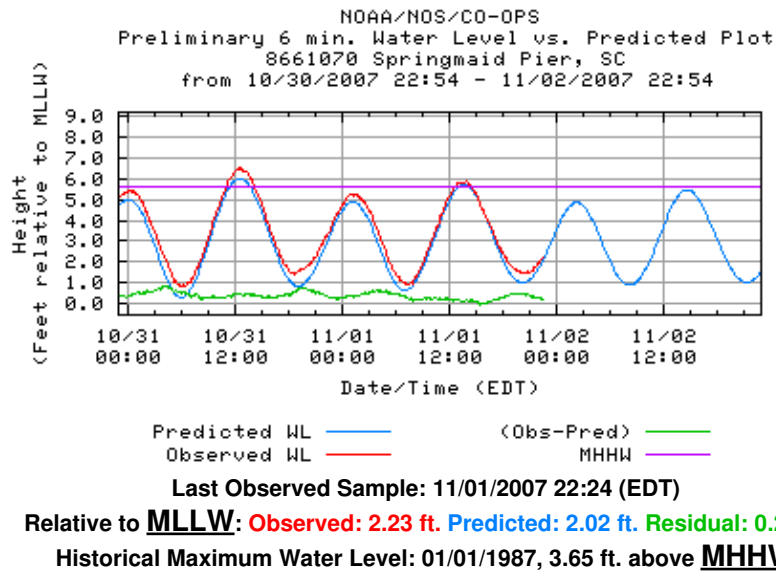
Fort Pulaski, GA - Station Map [Return to List](#)



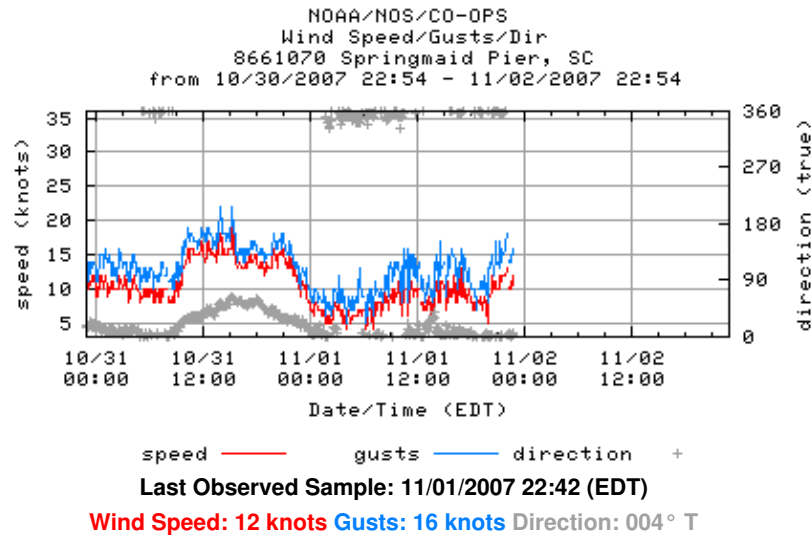
Fort Pulaski, GA - Station Map [Return to List](#)



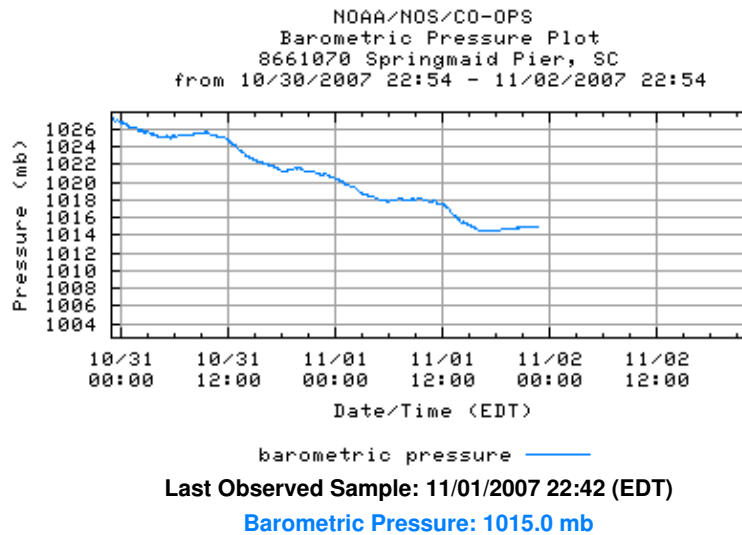
Springmaid Pier, SC - Station Map [Return to List](#)



Springmaid Pier, SC - Station Map [Return to List](#)



Springmaid Pier, SC - Station Map [Return to List](#)



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National Oceanic and Atmospheric Administration | U.S. Department of Commerce